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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty Docket No.

Serial No.

INJ.0010CIUS

(formerly)

M-5617-2C US

10/046,846

Applicant(s)

John B. Bomar, Jr. et al.

Filing Date

January 14, 2002

Group

2163

U.S. Patent Documents

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
RF	AA	5,317,503	May 31, 1994	Inoue	364	400	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

Foreign Patent Documents

		Document	Date	Country	Class	Subclass	Translation	
							Yes	No
RF	AL	0 644 501 A1	09.09.94	EP	G06F 17	60		X
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

RF	AQ	Nilsson-Ehle, A. (1983), 'Energy-based determination of velocity change in traffic accidents', <i>Int. J. of Vehicle Design</i> , vol. 4, no. 2, pp. 126-135.
RF	AR	Brach, Raymond M., 'Least Squares Collision Reconstruction', Detroit, MI, Engl, 1987, pp. 31-40.
RF	AS	Grimes, Wesley D. et al., 'Developing a Crush Profile Estimate by Balancing Impact Forces', Proceedings of the 1997 International Congress And Exposition, Detroit, MI, USA, February 24-27 1997, pp. 1-20.
RF	AT	Prasad, Aloke K., 'Coefficient of Restitution of Vehicle Structures and Its Use in Estimating the Total Delta V in Automobile Collisions', Winter Annual Meeting of the American Society of Mechanical Engineers; Atlanta, GA, USA, December 1-6, 1991, vol. 126, 1991, pp. 217-246.

Examiner

Russell FRED

Date Considered

9/26/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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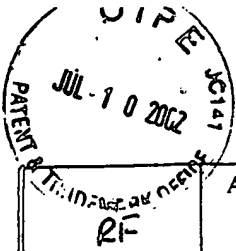
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	AA						
Foreign Patent Documents							
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RF	AD	Siegmond, Bailey and King, "Characteristics of Specific Automobile Bumpers in Low-Velocity Impacts," <u>Accident Reconstruction: Technology and Animation SP-1030</u> , February 1994, pp 333-370. SAE #940916.					
RF	AE	King, Siegmund and Bailey, "Automobile Bumper Behavior in Low-Speed Impacts," <u>International Congress and Exposition Detroit, Michigan</u> , March 1993. SAE #930211.					
RF	AF	Bailey, Wong and Lawrence, "Data and Methods for Estimating the Severity of Minor Impacts," <u>Accident Reconstruction: Technology and Animation V SP-1083</u> , February 1995, pp 139-175. SAE #950352.					
RF	AG	Hight and Fugger, "Automobile Damage Scales and the Effect on Injury Analysis," <u>Accident Reconstruction: Technology and Animation II SP-907</u> , February 1992, pp 117-127. SAE #920602.					
RF	AH	Woolley, Strother and James, "Rear Stiffness Coefficients Derived from Barrier Test Data," <u>Accident Reconstruction: Technology and Animation SP853</u> , February 1991, pp 9-24. SAE #910120.					
RF	AI	Prasad, "CRASH3 Damage Algorithm Reformulation for Front and Rear Collisions," <u>Accident Reconstruction: Human, Vehicle and Environmental Factors SP-814</u> , February 1990, pp 1-10. SAE #900098.					
RF	AJ	Bailey, King, Romilly and Thomson, "Characterization of Automotive Bumper Components for Low Speed Impacts," <u>Proceedings of the Canadian Multidisciplinary Road Safety Conference VII</u> , June 1991, pp190-203.					
RF	AK	Howard, Bomar and Bare, "Vehicle Restitution Response in Low Velocity Collisions," <u>1993 SAE Future Transportation Technology Conference San Antonio, Texas</u> , August 1993, pp 1-10. SAE #931842.					
RF	AL	Robinette, Fay and Paulsen, "Delta-V: Basic Concepts, Computational Methods, and Misunderstandings," <u>Accident Reconstruction: Technology and Animation IV SP-1030</u> , February 1994, pp 309-332. SAE #940915.					
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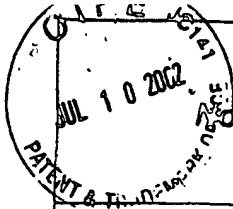
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RF	AO	Prasad, "Energy Absorbing Properties of Vehicle Structures and Their Use in Estimating Impact Severity in Automobile Collisions," <u>IMEchE</u> 1992, pp 61-72. SAE #925209.
RF	AP	Siddall and Day, "Updating the Vehicle Class Categories," <u>Accident Reconstruction: Technology and Animation VI SP-1150</u> , February 1996, pp 271-280. SAE #960897.
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10/046,846Applicant(s) Patent Under
Reexamination
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2136

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							APS	OTHER	
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RF	<input type="checkbox"/>	V WREXPART - product review, Biodynamics Research Corporation, [retrieved 2000-04-26]. Retrieved from the Internet <URL: www.biodynamicresearch.com/wrexpert.htm>.	<input type="checkbox"/>	<input type="checkbox"/>
RF	<input type="checkbox"/>	W Hays, Daniel, "Biomechanics help fix auto fraud woes," National Underwriters (Prop erty & Casualty/Risk & Benefits Management), Vol. 102, No. 37, September 1998, pp. 10-11+.	<input type="checkbox"/>	<input type="checkbox"/>
RF	<input type="checkbox"/>	X McHenry Software (m-crash), 1995 [retrieved on 2000-04-26]. Retrieved from Internet <URL: www.mchenrysoftware.com>.	<input type="checkbox"/>	<input type="checkbox"/>

*A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

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10/046,846

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Reexamination
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<input type="checkbox"/>	Y	Bonnett, George, "Understanding Delta V From Damage," 1996, [retrieved on 2000-04-26]. Retrieved from Internet <URL: www.rec-tec.com/deltav.html>.						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Y	WinCRASH, ARSoftware, [retrieved 2000-04-26]. Retrieved from Internet <URL: www.arsoftware.com/arsw.htm>.						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	WI	EDCRASH, Engineering Dynamics Corporation, [retrieved 2000-04-26]. Retrieved from Internet <URL: www.edccorp.com>.						<input type="checkbox"/>	<input type="checkbox"/>
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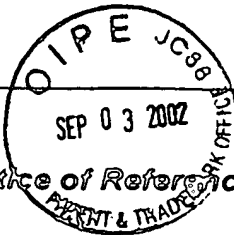
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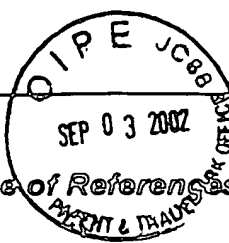
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